In the Claims:

Attached is a marked up version of the rewritten or newly added claims as required under rule 37 C.F.R. 1.121 (c)(ii).

1. (Currently Amended) A bicycle seat comprising:

a seat mounting assembly suitable for mounting on a T-shaped support bar for attachment to a bicycle;

a left and a right seat member, each of said seat members having a forward/rearward pivot mount assembly means as part of the seat mounting assembly wherein the forward/rearward pivot mount assembly means functions to provide a spring biased pivot axis for each of said seat members on the T-shaped support bar; ~~and~~

wherein each forward/rearward pivot mount assembly means has an independently adjustable spring; ~~and~~

wherein said independently adjustable spring causes a variable tension to resist a rider's downward force on the respective seat member~~.~~;

wherein the left and right seat members are each independently adjustable along a horizontal member of the T-shaped support bar to accommodate proper buttock spacing dependent on the anatomy of the rider;

wherein the seat mounting assembly further comprises:

a seat attach bracket having a bracket support connected to the horizontal member, said bracket support having a pivot mount adjustable about the horizontal member;

said horizontal member having a spring tension adjustment mechanism one each on its opposing ends;

each said spring tension adjustment mechanism controlling an adjustment shaft and a spring adjust plate;

each said spring adjust plate abutting its respective bracket support;

each said bracket support abutting its respective coiled resistance spring mechanism;

each said coiled resistance spring mechanism abutting a spring stop bracket;

each said spring stop bracket having an adjustable mount along the horizontal member;

a left and a right seat member, each member being attached to the seat attach bracket; and

wherein each coiled resistance spring mechanism is an independently adjustable spring, thereby enabling an independent adjustment of each seat member's return force against a rider's downward force.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The apparatus of claim ~~3~~ 1, wherein the spring tension adjustment mechanism is an easy access knob.

5. (Original) A bicycle seat comprising:

a T-shaped support bar for attachment to a bicycle;

a seat mounting assembly attachable to a horizontal member of the T-shaped support bar;

said seat mounting assembly comprising a seat attach bracket having a bracket support connected to the horizontal member,

said bracket support having a pivot mount adjustable about the horizontal member;

said horizontal member having a spring tension adjustment mechanism one each on its opposing ends;

each said spring tension adjustment mechanism controlling an adjustment shaft and a spring adjust plate;

each said spring adjust plate abutting its respective bracket support;

each said bracket support abutting its respective coiled resistance spring mechanism;

each said coiled resistance spring mechanism abutting a spring stop bracket;

each said spring stop bracket having an adjustable mount along the horizontal member;

a left and a right seat member, each member being attached to the seat attach bracket; and

wherein each coiled resistance spring mechanism is an independently adjustable spring, thereby enabling an independent adjustment of each seat member's return force against a rider's downward force.

6. (Original) The apparatus of claim 5, wherein the spring stop bracket adjustable mount further comprises a separation adjustment set screw, thereby allowing for movement of the left and right seat members along the horizontal member to accommodate proper buttock spacing dependent on the anatomy of the rider.

7. (Original) The apparatus of claim 5, wherein the spring tension adjustment mechanism further comprises an easy access knob.

8. (Original) A bicycle seat comprising:

a T-shaped support bar for supporting a seat mounting assembly;

said seat mounting assembly connectable to a left and a right seat member;

wherein the seat mounting assembly further comprises two spring tension adjustment mechanisms, two adjustment shafts, two spring adjust plates, two bracket supports, two seat attach brackets, two spring mechanisms, two spring stop plates, and two separation adjustment means functioning to secure the spring stop bracket to the T-shaped support bar;

wherein the spring tension adjustment mechanisms are on opposing ends of the T-shaped support bar;

each said spring tension adjustment mechanism is connected to its respective adjustment shaft;

each said adjustment shaft is connected to its respective spring adjust plate;

each said spring adjust plate is abutting its respective bracket support;

each said bracket support has a sliding engagement along a horizontal portion of the T-shaped support bar;
each said bracket support is formed from its respective seat attach bracket;
each said seat attach bracket is connected to its respective seat member;
each said bracket support abuts its respective resistance spring mechanism;
each said resistance spring mechanism abuts its respective spring stop plate; and
each said spring stop plate is adjustable along the horizontal portion of the T-shaped support bar.

9. (Original) The apparatus of claim 8, wherein the spring tension adjustment mechanism is an easy access knob.

10. (Currently Amended) A bicycle seat comprising:
a T-shaped support bar functioning to support a seat mounting assembly;
said seat mounting assembly having an adjustable spring means connectable to a left seat member and an adjustable spring means connectable to a right seat member;
each of said adjustable spring means functioning to provide an independently variable spring tension on its respective seat member, thereby allowing a user to vary a resistance against a downward movement of said respective seat member~~.~~; and
wherein the seat mounting assembly further comprises an adjustment shaft, a spring adjust plate, a bracket support, a seat attach bracket, a spring stop plate, and a separation adjustment means functioning to secure the spring stop bracket to the T-shaped support bar.

11. (Original) The apparatus of claim 10, wherein the left and right seat members are padded and substantially round in shape.

12. (Original) The apparatus of claim 10, wherein the left and right seat members are each independently adjustable along a horizontal member of the T-shaped support bar to accommodate proper buttock spacing dependent on the anatomy of a rider.

13. (Original) The apparatus of claim 10, wherein said seat mounting assembly further comprises a spring tension adjustment mechanism on a free end of said T-shaped support bar, thereby allowing said user to manually adjust said variable spring tension on said respective seat member.

14. (Original) The apparatus of claim 13, wherein the spring tension adjustment mechanism is an easy access rotation knob.

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)